

In the Claims

1. (Previously Presented) A process for management of data transfer to a specific destination station having a plurality of real addresses, the process being applied to a multiplicity of telecommunications supports and comprising:

defining a virtual address of a destination station said destination station having a plurality of real addresses;

sequentially searching through the real addresses according to a predetermined ordered sequence until obtaining a positive response from a real address establishing a communications channel; and

transferring data by the communication channel;

correlating at least one variable factor with failure and/or success in establishing communications with the real addresses; and

determining a new order of the sequence for sequentially searching through the real addresses based on the correlation.

2. (Previously Presented) The process according to claim 1, wherein at each failure and/or success in establishing communication, communication parameters are stored in a memory and data stored in the memory are processed to define optimal communication establishment parameters.

3. (Previously Presented) The process according to claim 2, wherein the processing performed on data stored in the memory is an iterative learning process.

4. (Previously Presented) The process according to claim 3, wherein the iterative learning process uses a neural network.

5. (Previously Presented) The process according to claim 2, wherein the processing performed on data stored in the memory is a statistical processing.

6. (Previously Presented) The process according to claim 2, wherein the communication parameters are selected from the group consisting of date, time and address.

7. (Currently Amended) A communication device comprising:

- telephonic communications transport means and data transfer means;
- means for storing in a memory calls issued and/or received by a party,
- means for storing in the memory addresses enabling connection of the party,
- means for sequential calling of a destination station from a list of addresses,
- means for the storage in the memory of a history of past communication sequences; ~~and~~
- means for modeling optimal sequences for a multiplicity of telecommunications supports;

and

- means for ~~changing~~modifying the order in which the addresses are sequentially called based on the optimal sequences.

8. (Previously Presented) The process according to claim 1, wherein one of the at least one variable factors is time of day.

9. (Previously Presented) The process according to claim 1, wherein one of the at least one variable factors is day of week.

10. (Previously Presented) A process for establishing communications with a specific destination station having a plurality of real addresses, the process comprising:

defining a virtual address of a destination station;

when a communication is directed to the virtual address, sequentially searching through the real addresses until a positive response from a real address establishes a communications channel;

recording data comprising the real address from which the positive response was received and one or more variable factors associated with the communication, at least one of the variable factors being selected from the group consisting of time of day and day of week;

processing the data to determine an optimal order to sequentially search the real addresses for a particular time of day or day of week; and

changing the order in which the real addresses are sequentially searched for the time of day or day of week.